

## DOMAIN OF DEFINITION IN WARTER/MORPHER

### ABSTRACT OF THE DISCLOSURE

An efficient way to perform rendering operations in an image processing environment includes a warping engine having a warping module and a domain of definition (DOD) module. When an object is warped, a new DOD for the image is determined by the warping engine by comparing the location of certain pixels in the warped image with their corresponding locations in the original image. By maintaining a DOD for the warped images, only that portion of the DOD that intersects with a region of interest is computed, thus resulting in optimized performance.